



# RED223

The RED-200 Series is designed for advanced biology students, teachers, doctors and lab technicians. Every aspect of these microscopes contributes to make your daily work easier. The ergonomic shape of the stand and the comfortability of the different heads, enables fatigue-free viewing for many hours

<b>Model</b>	RED223
<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Trinocular head Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On left tube , +/- 5 diopter
<b>Trinocular light split</b>	Fixed 50:50
<b>Eyepiece</b>	WF10X/20mm
<b>Nosepiece</b>	Reversed quadruple revolving nosepiece with click stops
<b>Objective classification</b>	SP Semi-Plan, DIN
<b>Objectives</b>	4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm) 40X/0.65/S (WD 0.45mm), 100X/1.25/S (WD 0.14mm)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	140mm x 135mm
<b>Mechanical stage X&amp;Y range</b>	77 x 50mm
<b>Upper limit stop</b>	Preset and adjustable
<b>Condenser</b>	Spiral mounted 1.25 N.A. Abbe condenser with iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system
<b>Fine focus precision</b>	2µm minimum increment
<b>Z-axis movement</b>	13mm
<b>Filter</b>	Built-in frosted glass
<b>Illumination</b>	LED 3W with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	220V
<b>Accessories included</b>	Dust cover, immersion oil (5ml), charger and batteries
<b>Length X Width X Height</b>	260 x 175 x 354mm
<b>Weight</b>	5,7Kg